

Congratulations! You have just purchased some of the finest dies available. With proper care, your new Redding dies should provide years of service and satisfaction. To get the most from your new die set, please take a few minutes to read the following instructions.

## DIE SETS FOR BOTTLENECK CASES

### FULL LENGTH SIZING

To size cases so they will freely chamber in any firearm, the full length sizing die must make firm contact with the shellholder during case sizing. To properly adjust your full length sizing die, insert the proper shellholder into your reloading press ram, and raise the ram to its highest position. Screw the full length die into your reloading press until it touches the shellholder, lower the ram and screw the die into the press an additional  $1/8$  to  $1/4$  turn. Tighten the die body lock ring against the press frame and using the supplied hex key, tighten the lock ring set screw if desired. With the die correctly adjusted, you should be able to feel the shellholder contact the bottom of the die when sizing a case. If fired primers are not ejected during case sizing, adjust the decapping assembly  $1/2$  turn lower and repeat. See "Note" under DIE PREPARATION.

To maximize case life and the accuracy of your reloads, we recommend that you customize the sizing of your cases to your firearm's chamber. The traditional way is to adjust the full length sizing die to minimize case to chamber headspace. Start with the die backed away from the shellholder  $1/4$  to  $1/3$  of a turn. Select several cases that no longer chamber freely, lubricate and size them. Clean the lubricant from the cases and try them in your chamber. If the cases do not freely enter the chamber, turn the die into the press a small fraction of a turn ( $1/32$ ) and repeat. Stop when all the cases chamber freely and tighten the die body lock ring.

**TIP** - To bring a new level of precision to your reloading, use Redding Competition Shellholders to simplify full length die adjustment. Competition Shellholders are thicker than regular shellholders in .002" increments, and provide case to chamber headspace adjustments with a simple shellholder change. The sets contain five shellholders and are available for all popular cartridges.